power. The seventh lens **1070** has a meniscus shape. For example, an object-side surface of the seventh lens **1070** is convex, and an image-side surface thereof is concave. In an alternative example, the object-side surface of the seventh lens **1070** is concave, and an image-side surface thereof is concave.

[0088] The eighth lens **1080** has a refractive power. For example, the eighth lens **1080** has a positive refractive power. At least one surface of the eighth lens **1080** is convex. For example, both surfaces of the eighth lens **1080** are convex.

[0089] The ninth lens **1090** has a refractive power. For example, the ninth lens **1090** has a positive refractive power. At least one surface of the ninth lens **1090** is convex. For example, both surfaces of the ninth lens **1090** are convex.

[0090] The tenth lens **1100** has a refractive power. For example, the tenth lens **1100** has a negative refractive power. The tenth lens **1100** has a meniscus shape. For example, both surfaces of the tenth lens **1100** are concave. The tenth lens **1100** configured as described above may be cemented to an image-side surface of the ninth lens **1090**. In other words, the object-side surface of the tenth lens **1100** is configured with a concave curvature to be able to be enabled to be fit and contact with the image-side surface of the ninth lens **1090**. In accordance with an alternative embodiment, the object-side surface of the tenth lens **1100** is configured with a concave curvature with a curvature corresponding to the image-side surface of the ninth lens **1090** and at a predetermined distance from the image-side surface of the ninth lens **1090**.

[0091] The eleventh lens **1110** has a refractive power. For example, the eleventh lens **1110** has a positive refractive power. At least one surface of the eleventh lens **1110** is convex. For example, both surfaces of the eleventh lens **1110** is convex.

[0092] In the configurations of the lenses as described above, the first lens **1010** are divergently disposed or not in parallel with the second to eleventh lenses **1020** to **1110**. For example, an optical axis of the first lens **1010** may intersect with an optical axis of the second to eleventh lenses **1020** to **1110**.

[0093] The optical imaging system **1000** includes a prism P, a stop ST, a reflecting member M, a filter **1120**, and an image sensor **1130**.

[0094] The prism P is disposed between or adjacent to the first lens **1010** and the second lens **1020**. The prism P disposed as described above refracts light irradiated from the first lens **1010** to the second lens **1020**.

[0095] The stop ST is disposed between the first movable lens group Gm**1** and the second movable lens group Gm**2** or between the correction lens group Go and the second movable lens group Gm**2**. In detail, the stop ST is disposed between the seventh lens **1070** and the eighth lens **1080**. The stop ST disposed as described above adjusts an amount of light irradiated from the first movable lens group Gm**1**.

[0096] The reflecting member M is disposed between the eleventh lens **1110** and the filter **1120**. The reflecting member M reflects light irradiated from the eleventh lens **1110** to the image sensor **1130**.

[0097] The filter **1120** is disposed between the reflecting member M and the image sensor **1130**. The filter **1120** filters infrared rays, or the like, from the light reflected from the reflecting member M.

[0098] The image sensor **1130** includes a plurality of optical sensors. The image sensor **1130** converts an optical signal into an electrical signal.

[0099] The optical imaging system configured as described above may represent aberration characteristics illustrated in FIGS. **2** through **4**. FIG. **2** are graphs illustrating aberration curves in a wide angle end position; FIG. **3** illustrates graphs aberration curves in an intermediate end position; and FIG. **4** illustrates graphs aberration curves in a telephoto end position.

[0100] FIG. **5** is a table illustrating characteristics of lenses of the optical imaging system according to the first exemplary embodiment. FIG. **6** is a table illustrating magnitudes of D**1**, D**2**, D**3**, D**4**, and D**5** depending on the wide angle end, the intermediate end, and the telephoto end positions. FIG. **7** is a table illustrating aspherical characteristics of the optical imaging system, according to the first embodiment.

[0101] As seen in FIG. **6**, a distance D**1** between the first fixed lens group Gf**1** and the first movable lens group Gm**1** is shortest at the wide angle end and is longest at the telephoto end. Similarly, a distance D**4** between the second movable lens group Gm**2** and the second fixed lens group Gf**2** are shortest at the wide angle end and be longest at the telephoto end.

[0102] In contrast, a distance D**2** between the first movable lens group Gm**1** and the correction lens group Go is longest at the wide angle end and is shortest at the telephoto end. Similarly, a distance D**3** between the correction lens group Go and the second movable lens group Gm**2** is longest at the wide angle end and shortest at the telephoto end.

[0103] A distance D**5** between the second fixed lens group Gf**2** and the image sensor **1130** is constant or substantially constant regardless of the wide angle end, the intermediate end, and the telephoto end.

[0104] An optical imaging system, according to a second embodiment, will be described with reference to FIG. **8**.

[0105] The optical imaging system **2000**, according to the second embodiment, includes an optical system including a first lens **2010**, a second lens **2020**, a third lens **2030**, a fourth lens **2040**, a fifth lens **2050**, a sixth lens **2060**, a seventh lens **2070**, and an eighth lens **2080**.

[0106] The lenses configuring the optical imaging system **2000** are grouped into a plurality of lens groups. For example, the first to third lenses **2010** to **2030** configure a first fixed lens group Gf**1**, the fourth to sixth lenses **2040** to **2060** configure a first movable lens group Gm**1**, the seventh lens **2070** configures a second movable lens group Gm**2**, and the eighth lens **2080** configures a second fixed lens group.

[0107] The first movable lens group Gm**1** changes an overall focal length of the optical imaging system **2000**. For example, a focal length of the optical imaging system **2000** is changed in a range of 4.90 to 13.70 depending on a position of the first movable lens group Gm**1**.

[0108] The second movable lens group Gm**2** adjusts the overall focal length of the optical imaging system **2000**. For example, the focal length of the optical imaging system **2000** is finely adjusted depending on a position of the second movable lens group Gm**2**.

[0109] Next, the lenses configuring each lens group will be described in detail.

[0110] The first lens **2010** has a refractive power. For example, the first lens **2010** has a negative refractive power. The first lens **2010** has a meniscus shape. For example, an